

Title (en)

MAIZE KU80 HOMOLOG AND USES THEREOF

Title (de)

MAIS KU80-HOMOLOG UND VERWENDUNGEN DAVON

Title (fr)

HOMOLOGUE DE MAIS KU80 ET UTILISATION DE CELUI-CI

Publication

**EP 1163353 A2 20011219 (EN)**

Application

**EP 00914836 A 20000307**

Priority

- US 0005853 W 20000307
- US 12621499 P 19990325

Abstract (en)

[origin: WO0058486A2] The invention provides isolated maize Ku80 nucleic acids and their encoded proteins. The present invention provides methods and compositions relating to altering maize Ku80 levels in plants. The invention further provides recombinant expression cassettes, host cells, transgenic plants, and antibody compositions.

IPC 1-7

**C12N 15/82; C12N 15/29; C12N 15/63; A01H 1/00**

IPC 8 full level

**A01H 5/00** (2006.01); **C07K 14/415** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01);  
**C12N 9/12** (2006.01); **C12N 15/09** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)

**C07K 14/415** (2013.01 - EP US); **C12N 9/1205** (2013.01 - EP US); **C12N 15/8213** (2013.01 - EP US)

Citation (search report)

See references of WO 0058486A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0058486 A2 20001005; WO 0058486 A3 20010125**; AU 3617200 A 20001016; AU 778747 B2 20041216; CA 2368040 A1 20001005;  
EP 1163353 A2 20011219; IL 145409 A0 20020630; JP 2002539838 A 20021126; US 2003166288 A1 20030904; US 6403860 B1 20020611;  
US 6822077 B2 20041123

DOCDB simple family (application)

**US 0005853 W 20000307**; AU 3617200 A 20000307; CA 2368040 A 20000307; EP 00914836 A 20000307; IL 14540900 A 20000307;  
JP 2000608765 A 20000307; US 16074802 A 20020603; US 49481000 A 20000131